



The optimum hand held vibrator for the placement concrete dam

Model	Code Number
HIB100	061088060
HIB130	061088020

Feature	Specification	Size / Installation
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The high frequency vibrator for dams is the product developed as an object for concrete placement of dam construction. By the 120-125Hz high frequency power supplied from the converter for vibrators, it is the vibrator of powerful centrifugal force and not having a rpm-drop in use.

A reliable motor

It designed and manufactured based on experience and the track record cultivated by dam construction for years. Durability is also high, the equipped the reliable motor are carried out. It contributes not only to Japan but to overseas dam construction.

It plays an active part in the place into which a large-sized heavy industrial machine can not go in

Power is demonstrated in the narrow place into which viback cannot go, small-scale erosion control dam, etc. 2 models is prepared according to the width and quantity of a placement.

The tip excellent in wear and abrasion resistance

Since the concrete dam is firmly non-flidity unlike usual construction and concrete for engineering works (150mm of aggregate, 0-3cm of slumps), the tip of vibrator is remarkably worn out during placement. It is the tip which was excellent in wear and abrasion resistance adopting as the tip part surface what gave hard facing processing for the reason.



Vibration at hand is reduced

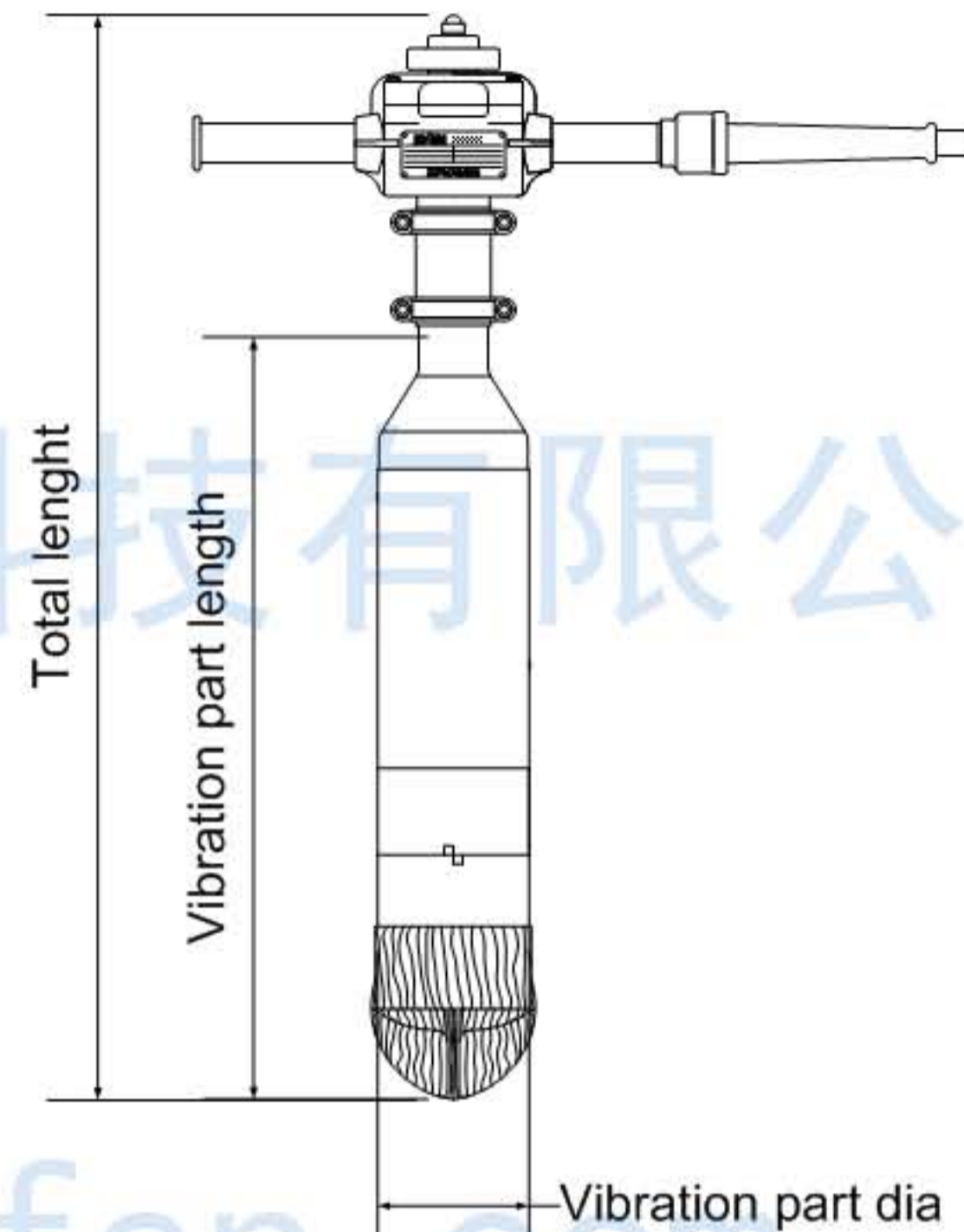
The vibroisolation rubber was prepared in the middle of an vibrating part and a handle with switch, so hand vibration was reduced.



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dimensional drawing



dimensional chart (mm)

Model	Total length (mm)	Vibration part (diameter X die length) (mm)
HIB100	926	100 X 644
HIB130	937	131 X 668

dimensional chart (inch)

Model	Total length (in)	Vibration part (diameter X die length) (in)
HIB100	36.5	3.9 X 25.4
HIB130	36.9	5.2 X 26.3

Dam vibrators specification (mm)

Model	Output (W)	Voltage (V)	Current (A)	Input frequency (Hz)	Vibration frequency (Hz)
HIB100	1,500	200	7.5	120/125	120/125
HIB130	1,850		9.0		
Model	Centrifugal force (kN)	Total length (mm)	Vibration part (diameter X die length) (mm)	Useful range (m)	Weight (kg)
HIB100	8.8~9.6	926	100 X 644	Diameter 0.8	41
HIB130	11.8~12.7	937	131 X 668	Diameter 1.0	48

* A cable is also included in weight (13.1kg).

Dam vibrators specification (inch)

Model	Output (W)	Voltage (V)	Current (A)	Input frequency (Hz)	Vibration frequency (Hz)
HIB100	1,500	200	7.5	120/125	120/125
HIB130	1,850		9.0		
Model	Centrifugal force (lb)	Total length (ft)	Vibration part (diameter X die length) (in X ft)	Useful range (ft)	Weight (lb)
HIB100	1978~2158	3'	3.9 X 2'1"	Diameter 27"	90.4
HIB130	2653~2855	3'1"	5.2 X 2'2"	Diameter 33"	105.8

* A cable is also included in weight (13.1kg).